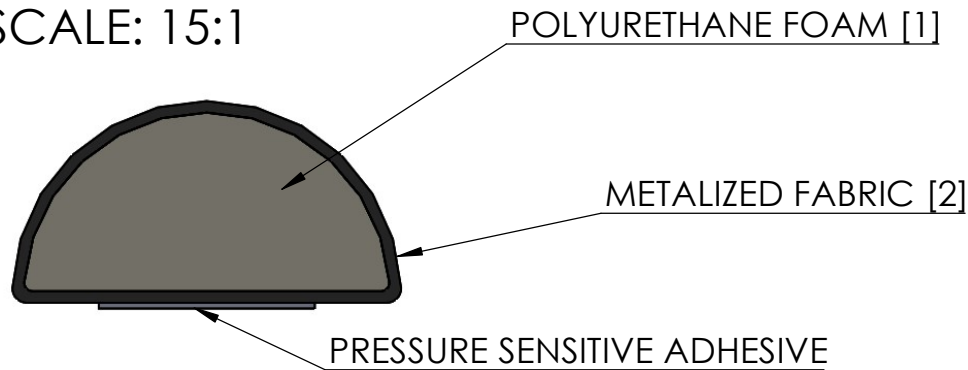


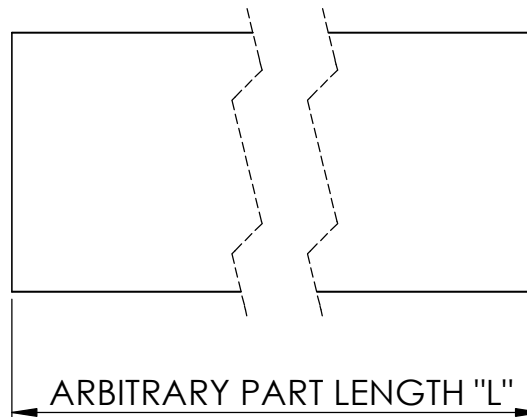
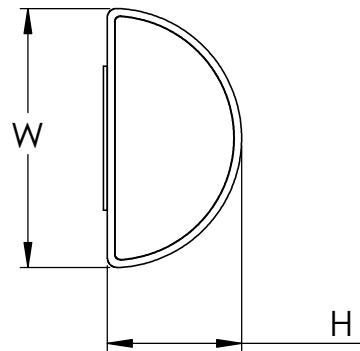
SIDE VIEW  
SCALE: 15:1



Notes:

1. Open-cell Polyurethane foam core
2. Nickel-plated copper nylon ripstop fabric
3. For more detailed specs, see Orbel product catalog

H	W
0.040	0.150
0.040	0.200
0.050	0.140
0.050	0.187
0.050	0.250
0.060	0.150
0.060	0.250
0.070	0.135
0.070	0.180
0.080	0.080
0.080	0.157
0.080	0.394
0.090	0.090
0.090	0.150
0.100	0.300
0.110	0.180
0.120	0.150



RoHS Compliant		DIMENSIONS ARE IN INCHES [MILLIMETERS]		NAME	DATE
THIRD ANGLE PROJECTION		TOLERANCES: FRACTIONAL ± ANGULAR: MACH ± 3 Degrees TWO PLACE DECIMAL ± .030 [.762] THREE PLACE DECIMAL ± .020 [.508]		DRAWN	TNC 8/9/2019
DO NOT SCALE DRAWING		MATERIAL:		CHECKED	
PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF ORBEL CORPORATION. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF ORBEL CORPORATION IS PROHIBITED.		FINISH:		ENG APPR.	
		WEIGHT: 0.608oz [17.237g]		MFG APPR.	
				Q.A.	
				COMMENTS:	
SIZE	DWG NO.			REV.	
A	D-SHAPED			01	
SCALE: 10:1		CAGE CODE: 57DU2		SHEET 1 OF 1	

# ULTRAFLEX™ CONDUCTIVE FOAM

## Mechanical Properties

- Material Specification: Flame-retardant nickel-plated copper polyurethane foam protected between two layers of conductive polyester fabric
- Adhesive: 0.002"-thick nickel-filled conductive acrylic tape
- Configurations: Sheets, strips, or custom die-cuts
- Deflection Range: 30%-75% deflection
- Compression Force: 2.1 pounds per square inch at 30% deflection
- Temperature Range: -40°F to 158°F (-40°C to 70°C)
- Flammability: UL94HB

## Electrical Properties

- Surface Resistivity: <0.02 ohms per square inch
- Z Resistivity: <0.01 ohms
- Shielding Effectiveness: >60dB attenuation 30MHz to 3GHz

## Environmental Properties

- Shelf Life: 2 years if stored in a temperature- and humidity-controlled environment

# HOW TO ORDER METALIZED FABRIC GASKETS

Sample Part Number: 125R250-024000N

